

CLAIMS

1^a) Hermetic pouch like those used to transport and distribute seed-like, powder-like or liquid goods, made from a leaf either of paper or plastic or plastic-metallic material, folded and sealed on its side and bottom, characterized by the fact that it has a flexible pour pipe formed in one of its upper corners, which is obtained by adding to the usual transversal closing sealing line, two vertical sealing lines,- or a vertical double width sealing line-, and a vertical cut in the middle, without the need to add any pieces to the original leaf, so that all the consumer has to do is open the pipe's seal to pour the contents.

2^a) Hermetic pouch, like those used to transport and distribute seed-like, powder-like or liquid goods, as described in claim no.1, characterized by the fact that it is stuck to a rectangular prismatic carton by some gluing points on the carton, and that it is positioned in such a way that the pouch's pour pipe is stuck to an opening area of the carton.

3^a) Hermetic pouch, like those used to transport and distribute seed-like, powder-like or liquid goods, as described in claims no.1 and no.2, characterized by the fact that it is stuck to a carton provided with a pour spout used to open the carton and distribute the contents, - pouch and carton are stuck by the glue laid on some areas of the carton, and characterized by the way pouch and carton are stuck, as the pouch's pour pipe area is glued to the carton's pour spout area, thus when the carton is opened by pulling out the pour spout to the distributing position, the pouch's pour pipe accompanies the carton's pour spout and rests on it.

4^a) Hermetic pouch like those used to transport and distribute seed-like, powder-like or liquid goods, as described in claims no.2 and no.3, characterized by the fact that the pour-pipe is long enough to be trapped by either the flap, or the pour spout, or whatever the opening and closing device, when they are closed again after the first opening, making the use of external parts for the closure unnecessary .

- 5^a) Procedure to produce pouches similar to those described in any of the preceding claims, in a machine with a conditioning module characterized by the fact that the module first erects the carton, then folds down the upper flaps, then displays the pouch's mouth, then fills the pouch with the contents, and seals it with a transversal welding line all along the upper border, and also characterized by the fact that, besides the aforementioned transversal sealing, a double vertical sealing and a vertical cut in the middle of it are applied to the pouch, so that a flexible pour pipe is formed in the pouch.
- 6^a) Procedure to produce pouches following the preceding claims, characterized by the fact that a pouch is placed inside a rectangular prismatic carton, sticking the pouch to the carton before the carton is folded when it is still a blank, by means of a module, similar to the window-patcher machines, which lays glue by means of clichés or guns on the blanks' gluing areas and later lays the pouch on the blank, so that the area where the pour pipe is to be formed falls onto the carton's pour spout area, and then goes on to fold and glue the carton longitudinally, and thus, when the carton is erected, the pouch inside adopts approximately the same rectangular prismatic shape that the carton does, and it is then filled and sealed.
- 7^a) Procedure to produce pouches following the preceding claims, characterized by the fact that a pouch is placed inside a carton provided with a distributing system such as a pour spout made from the same blank the carton is made from, and by the fact that the pouch is glued in such a way that a gluing area is placed on the front side and on the side walls of the pour spout which is stuck to the area of the pouch where the pour tube is to be formed, and this is followed by the same procedure of erecting, filling as sealing, as before.